

What is claimed is:

1. An operation method of a portable phone comprising:

operating any one of dial keys in a call originating mode;

5 determining whether said operated dial key is one of unspecific dial keys of said dial keys other than at least one specific dial key;

changing an operation mode from said call originating mode to one of non-dialing operation modes  
10 when said operated dial key is one of said unspecific dial keys.

2. An operation method of a portable phone according to claim 1, wherein the non-dialing operation mode is a telephone number searching operation mode.

3. An operation method of a portable phone according to claim 1, further comprising:

executing a non-dialing operation other than a dialing operation in said non-dialing operation mode  
5 when said operated dial key is one of said unspecific dial keys.

4. An operation method of a portable phone according to claim 3, wherein said non-dialing

DOCUMENTS REFERENCED

operation is a telephone number searching operation.

5. An operation method of a portable phone according to claim 1, wherein said at least one specific dial key is one selected from "0", "1" and "#".

6. An operation method of a portable phone according to claim 1, wherein said specific dial key is only one.

7. An operation method of a portable phone according to claim 5, wherein said non-dialing operation is a telephone number search operation.

8. An operation method of a portable phone according to claim 3, wherein the number of said unspecific dial keys is at least two, and wherein said executing a non-dialing operation

5 includes:

displaying a list of data associated with destination phone numbers, and

wherein said operation method further comprises:

10 selectively scrolling said list of data in one of upward and downward directions in response to an operation of one of said unspecific dial keys.

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9. A portable phone comprising:  
dial keys including at least one specific key  
and unspecific keys; and  
a processing unit which:  
5 determines whether one of said dial keys  
which is operated in a first mode is one of said  
unspecific dial keys, and  
changes an operation mode from said first mode  
to a second mode when said operated dial key is one of  
10 said unspecific dial keys.
10. A portable phone according to claim 9, wherein  
said first mode is call originating mode and said  
second mode is a telephone number searching operation  
mode.
11. A portable phone according to claim 9, wherein  
said processing unit further executes a non-dialing  
operation other than a dialing operation when said  
operated dial key is one of said unspecific dial keys.
12. A portable phone according to claim 11, wherein  
said first mode is call originating mode and said  
second mode is a telephone number searching operation  
mode.
13. A portable phone according to claim 9, wherein

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said at least one specific dial key is one selected from "0", "1" and "#".

14. A portable phone according to claim 9, wherein said specific dial key is only one.

15. A portable phone according to claim 11, wherein said non-dialing operation is a telephone number search operation.

16. A portable phone according to claim 15, wherein the number of said unspecific dial keys is at least two, and

5 wherein said portable phone further comprises a display unit,

wherein said processing unit:

controls said display unit to display a list of data associated with destination phone numbers as a non-dialing operation, and

10 controls said display unit to selectively scroll said list of data in one of upward and downward directions in response to an operation of one of said unspecific dial keys.

17. A portable phone according to claim 16, wherein a symbol indicating the scrolling direction is allocated to each of said unspecific dial keys.

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18. A portable phone according to claim 9, wherein  
the number of said unspecific dial keys is at least  
four, and

wherein said processing unit:

5 changes the operation mode from said second  
mode to another mode in response to an operation of  
one of said unspecific dial keys.

19. A portable phone according to claim 18, wherein  
each of said unspecific dial keys has a shape  
indicating the scrolling direction.

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